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TITLE: ELECTROLYTIC IONIC WATER FORMATION DEVICE

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INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To obtain an electrolytic current without using a commercial power supply by driving a dynamo by the stream of the tap water supplied to an electrolytic cell.

CONSTITUTION: This electrolytic ionic water formation device has an electrolytic cell having an anode 12 and a cathode 11 arranged thereto through an ion exchange membrane 13, the impeller 15 rotated by the stream of the tap water supplied to the electrolytic cell and the DC dynamo 14 driven by the rotation of the impeller and the power from the dynamo is supplied to both electrodes 11, 12. A filter cartridge 3 filtering alkali ionic water obtained from the electrolytic cell and the integrating wattmeter 16 to which the output of the dynamo is supplied are provided and, when the integrated value of the integrating wattmeter becomes a predetermined value, a cartridge filter life display LED is allowed to light.

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